



International application No. PCT/KR2003/002939

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7 B29C 45/73, B29C 45/26, B29C 45/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC7 B29C 45/73, B29C 45/26, B29C 45/14, B32B 3/02

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and Applications for Invention since 1975

Korean Utility Models and Applications for Utility Models since 1975

Electronic data base consulted during the intertnational search (name of data base and, where practicable, search terms used) KIPASS, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category*  | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|-----------------------|
| Y          | WO 99/56935 A1 (General Electric Company) 11 November 1999 see the whole document  | 1-19                  |
| Y          | US 6,276,656 B1 (Thermal Wave Molding Corp.) 21 August 2001 see the whole document | 1-11                  |
| Y          | US 6,468,618 B1 (Ricoh Company, Ltd.) 22 October 2002 see the whole document       | 12-19                 |
| <b>A</b> , | US 5,064,597 A (General Electric Company) 12 November 1991 see the whole document  | 1-19                  |
| Α          | JP 62-173219 A (Hitachi Ltd.) 30 July 1987 see the whole document                  | 1-19                  |
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|   | Further documents are listed in the continuation of Box C.  | X See patent family annex.  |  |  |
|---|---|---|--|--|
| *<br>"A"  | Special categories of cited documents:<br>document defining the general state of the art which is not considered<br>to be of particular relevance | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |  |  |
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| "0"   | document referring to an oral disclosure, use, exhibition or other means  | combined with one or more other such documents, such combination being obvious to a person skilled in the art   |  |  |
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| Date of the actual completion of the international search   |   | Date of mailing of the international search report  |  |  |
|   | 19 APRIL 2004 (19.04.2004)  | 20 APRIL 2004 (20.04.2004)  |  |  |
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|   | Patent document cited in search report | Publication date | Patent family member(s) | Publication<br>date |
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|   | US 6,276,656 B1                        | 21.08.01         | none                    |                     |
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